

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau

535054

(43) International Publication Date  
27 May 2004 (27.05.2004)

PCT

(10) International Publication Number  
WO 2004/043277 A1(51) International Patent Classification<sup>7</sup>: A61B 17/86,  
17/70, 17/72, 17/84Tower, Suite 3400, C.P. 242, 800 Place-Victoria, Montreal,  
Quebec H4Z 1E9 (CA).(21) International Application Number:  
PCT/CA2003/001722

(72) Inventor; and

(75) Inventor/Applicant (for US only): SEVRAYN, Lionel,  
C. [FR/US]; 1219 Avondale Lane, West Palm Beach, FL  
33409 (US).(22) International Filing Date:  
13 November 2003 (13.11.2003)(74) Agents: DUBUC, J. et al.; Goudreau Gage Dubuc, Stock  
Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box  
242, Montreal, Quebec H4Z 1E9 (CA).

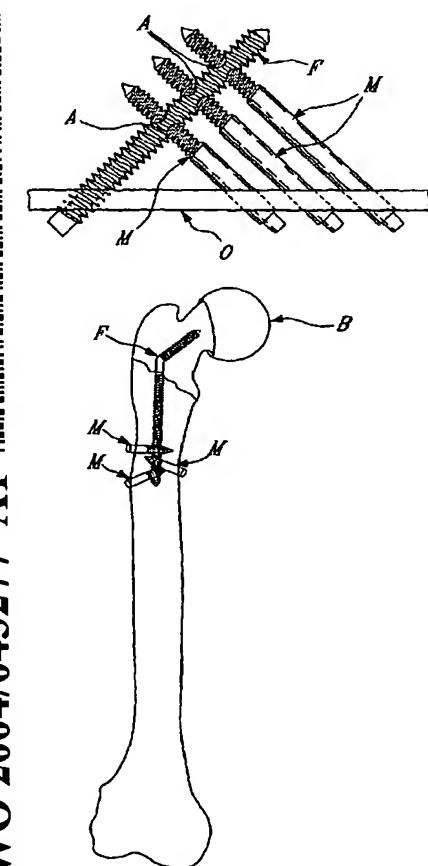
(25) Filing Language: English

(26) Publication Language: English

(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,  
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,  
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,  
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,  
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.(30) Priority Data:  
1902/02 13 November 2002 (13.11.2002) CH(71) Applicant (for all designated States except US): NEU-  
RORTHO IMPLANTS DESIGN, LLC [US/US]; 1219  
Avondale Lane, West Palm Beach, FL 33409 (US).(71) Applicant (for MG only): SOFIA, Michel [CA/CA];  
C/O GOUDREAU GAGE DUBUC, Stock Exchange

[Continued on next page]

(54) Title: ANCHORING SYSTEM FOR FIXING OBJECTS TO BONES



(57) Abstract: An anchoring system for mounting an object (O) to a bone (B), comprising first (M) and second (F) anchoring members each having proximal and distal ends. The proximal ends are adapted to hold the object (O) to the bone (B) and are spaced from each other with the first and second anchoring members (M,F) converging from the proximal ends towards the distal ends. The anchoring members (M, F) are adapted to be connected to each other in the bone and distally of the proximal ends. There are provided at least two first anchoring members (M) each adapted to be connected to the second anchoring member (F). The second anchoring member (F) and each of the first anchoring members (M) define co-operating engagement means for connecting each first anchoring member (M) to the second anchoring member (F). Typically, the second anchoring member (F) defines a number of openings (A) each adapted to receive a first anchoring member (M). The first anchoring members (M) can extend coplanarly when connected to the second anchoring member (F), or can extend in at least two different planes.

WO 2004/043277 A1



(84) **Designated States (regional):** ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

— *with international search report*